

## M 5.4, 95km SSW of Gra Liya, Greece

Origin Time: 2020-05-02 13:33:50 UTC (Sat 15:33:50 local)

Location: 34.1693° N 25.4776° E Depth: 17.2 km

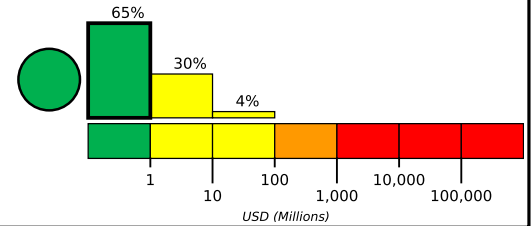
Created: 2 hours, 2 minutes after earthquake

### Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



### Estimated Economic Losses

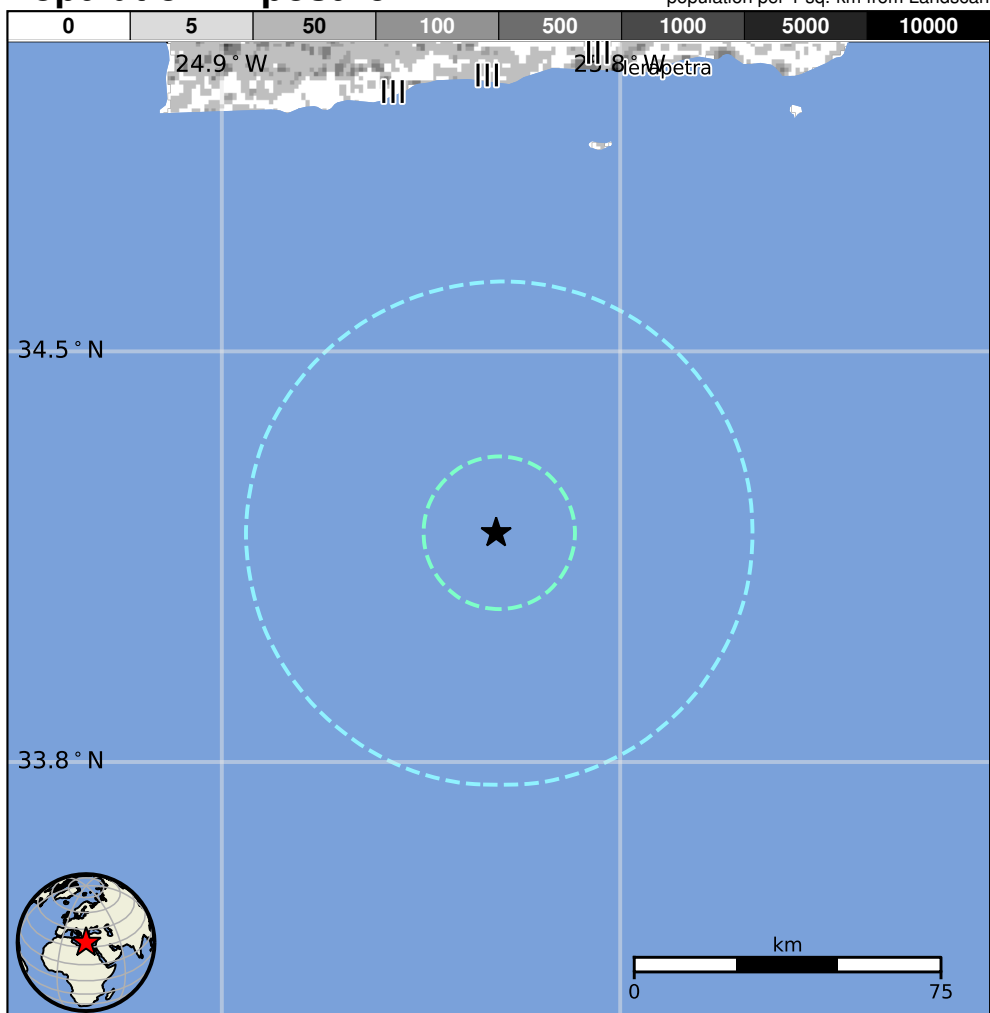


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	63k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

## Population Exposure



## Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are rubble/field stone with lime and unknown/miscellaneous types construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2005-01-10	370	5.4	VI(34k)	0
2006-01-08	306	6.7	VII(3k)	0
1999-10-05	379	5.2	VII(71k)	0

## Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Kentri	1k
III	Nea Anatoli	1k
III	Ierapetra	12k
III	Gra Liya	2k
III	Asimion	1k
III	Pyrgos	1k
III	Moires	6k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us700098rs#pager>

bold cities appear on map.

(k = x1000)

Event ID: us700098rs